

Title (en)

APPARATUS AND METHOD FOR CLEANING AND DISINFECTING THE SUCTION TUBES OF A DENTAL TREATMENT UNIT

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REINIGUNG UND DESINFEKTION DER SAUGROHRE EINER ZAHNÄRZTLICHEN BEHANDLUNGSEINHEIT

Title (fr)

APPAREIL ET PROCÉDÉ DE NETTOYAGE ET DE DÉSINFECTION DES TUBES D'ASPIRATION D'UNE UNITÉ DE TRAITEMENT DENTAIRE

Publication

EP 3750505 A1 20201216 (EN)

Application

EP 19179228 A 20190610

Priority

EP 19179228 A 20190610

Abstract (en)

Apparatus for the automatic cleaning of suction tubes (15) of a dental treatment unit (1) comprising a body (24) for the insertion of suction tube terminals (18), in its turn comprising:- A first opening (19) for supplying environmental nebulization air,- A point (23) water supply,- A point (22) for supplying a cleaning/disinfecting liquid,characterized in thatit comprises at least a second opening (20) for supplying turbulence air, in a position placed between the point (23) of water supply and the point (22) of supply of a cleaning/disinfecting liquid on one side and a point (17) of insertion of tubes terminal (18) on the other side, with the function of perturbing the suctioned flow with an entrance of air capable of generating a strong turbulence in said tube (15).

IPC 8 full level

A61C 1/00 (2006.01)

CPC (source: EP)

A61C 1/0076 (2013.01)

Citation (applicant)

- EP 0124887 A2 19841114 - DUERR DENTAL GMBH CO KG [DE]
- IT 1118545 A

Citation (search report)

- [A] US 2004112407 A1 20040617 - LARKIN RODNEY B [US]
- [AD] EP 0124887 A2 19841114 - DUERR DENTAL GMBH CO KG [DE]
- [AD] IT 1118545 B 19860303 - DUERR DENTAL KG [DE]
- [A] EP 0734692 A2 19961002 - CASTELLINI SPA [IT]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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